

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
 690 Walnut Ave.St. 150
 Vallejo, CA 94592-1133
 (707) 649-5453
 (707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000678**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 26-Feb-2008**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** / **HSR's:** / **NCR's:** /

| Item | Title | Detail |
|------|--------------------------|--|
| 1 | Major component movement | <p>OBG Production:</p> <p>Fitting and welding stiffeners to floor beams, Machining, beveling and bending closed-ribs, Fitting closed-ribs to deck panels, ZPMC performed welding of PMT #13 and Deck Panels DP-20 and DP-64. ZPMC completed the welding of the PMT prior to going into production on the second production panel. However, they failed to evaluate the PMT prior to production. The PMT does not appear to comply with the agreed visual criteria. (see conversations below)</p> <p>Tower Production:</p> <p>Heat straightening cut diaphragm plates.</p> <p>77m Tower Mock-up:</p> <p>No observations were performed on this date.</p> <p>89m Tower Mock-up:</p> <p>Drilling holes for doubler plate, QA identified a rejectable defect on the shear links that was not reported by QC.</p> <p>114m Tower Mock-up:</p> <p>No observations were performed on this date.</p> |
| 2 | Key conversations | <p>ZPMC had completed the PMT and were about to go into production. However, no QC for either ABF or ZPMC were around to evaluate the weld trial. QA spoke with ABF Engineer Dan Raynor and ZPMC QC Lu Jian Hua by phone to find out if QC intended to evaluate the PMT prior to beginning welding on the second production panel. Mr. Lu arrived and arranged for QC begin the evaluation. Mr. Lu stated that per the agreement with Caltrans that ZPMC has the choice between basing the visual</p> |

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acceptance on either the PMT or the first production panel. QA asked that if ZPMC was electing to base the visual acceptance on the first production panel, why they are proceeding with the second production panel before they completed and evaluated the first panel. Mr. Lu stated that ZPMC did not agree with that part of the criteria discussed with Caltrans (evaluation prior to welding subsequent panels). QA stated that ZPMC could not pick and choose which portions of the agreement to honor, and than QA would recommend issuing a Non-Conformance Report.

QA spoke with ABF QCM Steve Lawton and ABF Engineer Gang Jiao regarding the evaluation of overlap on the closed-rib deck panels. It had been arranged for ABF, ZPMC and Caltrans to evaluate a deck panel together. However, when Caltrans went out to do so, ABF QC has asked to be given time to train ZPMC and their own personnel before Caltrans looked at the panel. The end result was that ABF and ZPMC independently evaluated the panel rather than the three party evaluation as discussed in the meeting yesterday. QA and Mr. Lawton agreed to jointly review another panel tomorrow.

3 Logistics

The ZPMC ferries were not running today and all transportation took place using the public ferries from Wusong.

ZPMC has still not restored the 0630 and 2230/2300 ferries. This restricts the method of shift coverage available and results in no overlap between the 2nd and 3rd shifts.

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
